

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--|---|------------------|---------|------------------|
| S1 | 1 | 10/809407 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/24 09:30 |
| S2 | 4 | ("6097006" "6160975" "6018140" "6259073").pn. | USPAT | OR | ON | 2006/02/24 09:35 |
| S3 | 4 | ("11167329" "11041797" "2002006655" "11095606").pn. | JPO | OR | ON | 2006/02/24 09:34 |
| S4 | 2 | ("1209541" "1016941").pn. | EPO | OR | ON | 2006/02/24 09:34 |
| S5 | 4700 | (399/67,69,320,328,335,332).ccls. 219/216.ccls. 347/156.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 13:48 |
| S6 | 50 | ("4330817" "4382223" "4449091" "4460836" "4788415" "4906213" "5005123" "5187414" "5212428" "5235148" "5300866" "3629633" "3611098" "3648437" "3790874" "4020402" "4038019" "4044286" "4138705" "4169259" "4178149" "4266257" "4270868" "4280087" "4291257" "4293846" "4302711" RE30967 "4323835" "4333041" "4334177" "4355274" "4368499" "4383240" "4387324" "4390826" "4392089" "4396948" "4397290" "4412167" "4413217" "4412481" "4415943" "4433719" "4437043" "4449079" "4495446" "4499460" "4507591" "4513230").pn. | USPAT | OR | ON | 2006/02/28 14:25 |
| S7 | 40512 | (zero near cross\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 14:26 |
| S8 | 624281 | (switch\$4 near (on or off)) or (turn\$4 near (on or off)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 14:28 |
| S9 | 4246329 | (period or phase or wavelength) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 15:02 |
| S10 | 120354 | (energy or energiz\$4 or energizat\$4) near (unit or device or apparatus or circuit) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 14:37 |
| S11 | 5 | S6 and S7 and S10 and S8 and S9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 14:37 |

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|-----|---------|---|---|----|----|------------------|
| S12 | 50 | S6 and (S7 or S10 or S8 or S9) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 14:38 |
| S13 | 50 | S11 or S12 or S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 14:45 |
| S14 | 5319999 | (period or phase or wavelength or frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 15:02 |
| S15 | 58540 | half near S14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 15:02 |
| S16 | 1 | S15 and S7 and S8 and S10 and S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 15:03 |
| S17 | 13 | S5 and S7 and S8 and S14 and S10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 08:29 |
| S18 | 73 | S5 and S8 and S14 and S10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/28 15:04 |
| S19 | 4700 | S5 or S16 or S17 or S18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 14:41 |
| S20 | 4700 | (399/67,69,320,328,335,332).ccls. 219/216.ccls. 347/156.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 08:30 |
| S21 | 40512 | (zero near cross\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 08:30 |

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| S22 | 624281 | (switch\$4 near (on or off)) or (turn\$4 near (on or off)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 08:30 |
| S23 | 120354 | (energy or energiz\$4 or energizat\$4) near (unit or device or apparatus or circuit) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 08:30 |
| S24 | 5319999 | (period or phase or wavelength or frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 08:30 |
| S25 | 2296 | S20 and (S21 or S22 or S24 or S23) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 08:30 |
| S26 | 58540 | half near S24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 08:30 |
| S27 | 1 | S26 and S21 and S22 and S23 and S20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 08:30 |
| S28 | 13 | S20 and S21 and S22 and S24 and S23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 08:30 |
| S29 | 73 | S20 and S22 and S24 and S23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 08:30 |
| S30 | 4700 | S20 or S27 or S28 or S29 or S25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 08:43 |
| S31 | 37742 | (flicker or (rush\$4 near current)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 14:42 |

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|-----|--------|--|---|----|-----|------------------|
| S32 | 4700 | (399/67,69,320,328,335,332).ccls. 219/216.ccls. 347/156.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 14:42 |
| S33 | 142 | S32 and S31 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 14:42 |
| S34 | 230718 | (half near5 (phase or period or cycle or wav\$4 or wavelength or waveform)) or ((twice or (two near times)) near5 frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 08:16 |
| S35 | 1 | "1016941" | EPO | OR | OFF | 2006/03/02 11:09 |
| S37 | 23 | ("20010004073" "20030072581" "20030136777" "20040022550" "20040188416" "20040190923" "20050047837" "20050063743" "20050169655" "5627628" "5669038" "5907743" "5966562" "5994671" "6018140" "6097006" "6157010" "6160975" "6259073" "6301454" "6794619" "6927368" "6943326").pn. | US-PGPUB; USPAT | OR | ON | 2006/03/02 11:16 |
| S38 | 24 | S35 or S37 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 11:17 |
| S39 | 230718 | (half near5 (phase or period or cycle or wav\$4 or wavelength or waveform)) or ((twice or (two near times)) near5 frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 11:17 |
| S40 | 22 | S39 and S38 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 12:31 |
| S41 | 2 | "6111230".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 12:31 |
| S42 | 249737 | detect\$4 near5 voltage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 14:59 |
| S43 | 14 | S42 and S38 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 15:00 |
| S44 | 1 | JP-2000237162-A.did. | JPO | OR | ON | 2006/03/03 08:21 |

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|-----|---|--------------|-----|----|----|------------------|
| S45 | 1 | "2000237162" | JPO | OR | ON | 2006/03/03 08:21 |
| S46 | 1 | JP2000237162 | JPO | OR | ON | 2006/03/03 08:21 |